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# SUU CENTER FOR STEM TEACHING & LEARNING

MAY 2018 NEWSLETTER

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## **STEM Lending Library: Tech of the Month**

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### Hummingbird Robotics Kits

These robotic kits are SO fun and easy for students to use! With a simple coding system, a laptop, and some art supplies, your students can use their creativity alongside robotics!

Hummingbirds are simple to learn and can be used with ANY curriculum. They are easiest in 3rd grade and up.

Click on the picture above to watch a quick clip about using them in the classroom!

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The Lending Library has 40 kits. If you are interested in booking them for your classroom, email [suustem@suu.edu](mailto:suustem@suu.edu)

Just a reminder: TEACHERS CAN CHECK OUT ANY STEM MATERIALS OVER THE SUMMER TO PRACTICE WITH!

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## STEM News

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### **SUU STEM Center Teacher Committee: ICSD K-12 Teachers Needed!**

The SUU STEM Teacher Committee will meet 4 times per year, and will be a sounding board for the SUU STEM Center. We are looking for teachers who LOVE teaching STEM, and will give great input on what we should purchase, lesson ideas/plans, STEM programs, advertising, etc. STEM Committee members will host a meeting at their school, and show off a few of the cool STEM things they are involved with! We want to increase our outreach and give teachers

what they really need, in the most helpful way possible. There is no one better to give us that feedback than a teacher! Teachers will be given a \$200 stipend for their time. If you are interested in applying to be a part of the STEM Committee, please follow the link below.

[STEM Committee Application](#)

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## SUU STEM SUMMER PROGRAMS

Check out all the available camps, programs, and opportunities for SUU STEM this summer! From Range Camp to Archeology Camp, we've got all the summer STEM you and your students need!

<https://www.suu.edu/cose/>

Click the "Camps, Workshops, and Competitions" link on the left hand side to see all that we offer!

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# SUU Tech Summer Camps

REGISTRATION CLOSES SOON!

## **TECS Summer Camp: Technology, Engineering & Computer Science Summer Camp**

**June 11-14, 2018**

Students, ages 14-18, in the southwestern region of the United States who are interested in technology, engineering or computer science are invited to come to Southern Utah University for the Technology, Engineering and Computer Science (TECS) Summer Camp. Students will experience “college life” by staying on campus and learning through hands-on experiences from professors and professionals in the field of their choice. Students can choose to study Aerospace/Mechanical Engineering, Web and Game Development, CAD/CAD and 3D printing, or Robotics. \$175.00, includes meals and housing.

## **Girls Go Digital: Computer Science & Technology Day Camp for Girls, Ages 8-18**

**June 18-21, 2018**

Learn how to HACK, DESIGN, CODE & MAKE using technology and computer science. Any level of interest and experience is welcome. If you attended this camp last summer, no problem—we’ve added new classes and activities. From computer programming, micro controllers, pixel art, digital photography, e-textiles, to web design and more, we've got something for every girl! Girls are grouped in classes

by age. Camp includes a free t-shirt and several take home projects.

**Code Changers: Computer Science & Technology Day Camp for All  
Students, Ages 8-18**

**June 25-28, 2018**

We are a unique mix of online coding and hands-on technology activities that give students the opportunity to learn about coding and technology in a safe, self-paced environment.

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## **Registration for the Utah STEM Bus Now Open!**

Our goal is to reach as many schools as possible in the 2018-2019 school year, but since there is only one STEM Bus we can't guarantee every school that wants a visit will get one. Days will be awarded on a first come, first served basis, with an emphasis on schools that have not had a visit from the STEM Bus previously.

In order to help us with the registration process, we are putting a quota on the number of reservations we are taking in each month of the school year. If the quota is met you will have the opportunity to get on our interest list. If we will be in your area and can fit you in the schedule we will give you a call to schedule a visit. Please designate one person from you school to fill out the application and serve as primary point of contact. That will help make the process go as smoothly as possible.

In order to prepare for Monday, you may preview the registration process by following the link below.

Thank you so much for your interest in the Utah STEM Bus and we look forward to visiting your school next year!

-The STEM Bus Team

[Click here to access the registration link](#)

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## **Southern Utah Girls in Technology (SUGIT) Was A Huge Success!**

On May 7<sup>th</sup> Southern Utah University provided an exposure to 181 high school girls on different aspects of STEM including computing, showing that the traditional mindset that computing is boring and just for boys needs to be changed, and by conducting hands-on activities that were fun and creative.

We had 6 sponsored workshops, 19 representatives for the Technology Tables (SUU, local communities, and Universities). In addition, we had over 181 girls from 8 counties, 11 teachers, 25 volunteers, 15 SUU Student ambassadors.

Follow us, like us, and share with us on Instagram, Facebook, and Twitter at Outreachmad, #SUGIT018 and #outreachhmad

Dr. Shalini Kesar headed up the program, and puts extensive time and resources into spreading the love of STEM and computing!

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## \$\$\$ Funding Opportunities \$\$\$

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### CareerinSTEM College Scholarship Opportunity

Do you know a student who could use \$500 for college?!

Send them to <https://careerinstem.com/stem-scholarships/> to learn about this FUN way of receiving a scholarship for STEM!

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## Calendar of Events

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**HAPPY LAST WEEK OF SCHOOL!**

May 17th:

-SUU PREP Orientation

June 4th:

-SUU PREP Begins

June 11th-14th:

TECS Summer Camp

June 18th-21st:

Girls Go Digital

June 25th-28th:

Code Changers